

551089

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

**(19) World Intellectual Property Organization
International Bureau**



(43) International Publication Date
14 October 2004 (14.10.2004)

PCT

(10) International Publication Number
WO 2004/088169 A1

(51) International Patent Classification⁷: F16H 7/02,
13/02, F02B 67/04, F01P 5/12

Tommaso [IT/IT]; Via Papa Leone XIII, 45, I-66013 Chieti Scalo (IT). **LEMBERGER, Heinz [DE/DE];** Hofackerallee 1, 85774 Unterfohring (DE).

(21) International Application Number: PCT/EP2004/050421

(74) Agents: **JORIO, Paolo et al.**; Studio Torta S.r.l., Via Viotti, 9, I-10121 Torino (IT).

(22) International Filing Date: 1 April 2004 (01.04.2004)

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

(25) Filing Language: English

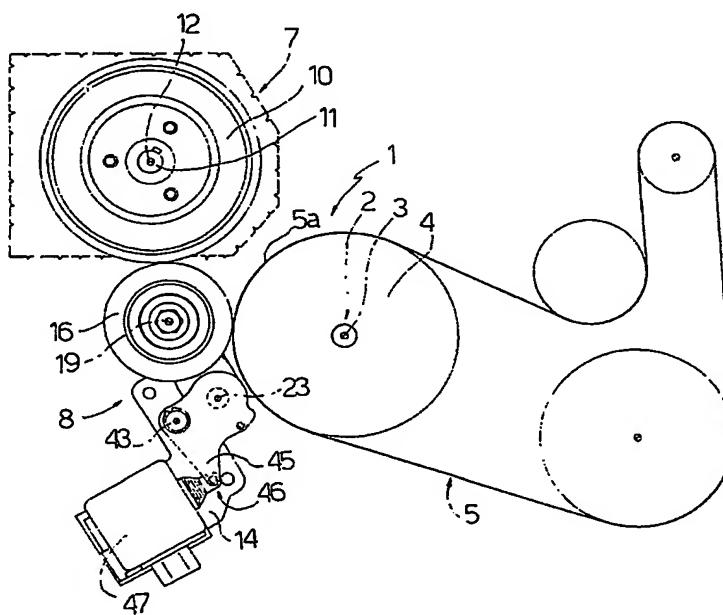
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(71) Applicants (for all designated States except US):
DAYCO EUROPE S.R.L. CON UNICO SOCIO
[IT/IT]; Zona Industriale Vallecupa, I-64010 Colon-
nella (IT). **BAYERISCHE MOTOREN WERKE**
AKTIENGESELLSCHAFT [DE/DE]; Petuelring 130,
80809 München (DE).

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(54) Title: DRIVE ASSEMBLY FOR DRIVING A ROTARY MEMBER, IN PARTICULAR A COMBUSTION ENGINE WATER PUMP SHAFT

(57) Abstract: In a drive assembly (8; 52) for driving a pulley (10) of a water pump (7) of a combustion engine (1), a movable supporting arm (15) is fitted idly with a drive wheel (16), and is loaded by a torsion spring (30) to bring the drive wheel (16) into angular engagement with the pulley (10) fitted to the shaft of the pump (7), and with a drive belt (5) of the engine (1); an actuating device (58, 81; 22, 47) being activatable to exert a force in opposition to that exerted by the torsion spring (30), and detach the drive wheel (16) from the pulley (10).





Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.